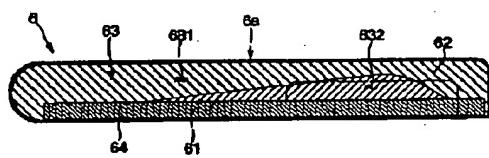


<p>2004-184035/18 A84</p> <p>KOKUYO KK 2002.03.29 2002-094684(+2002JP-094684) (2003.10.14) A47C 27/15, 1/121, 7/00 // A47C 7/18</p> <p>Cushioning material for furniture e.g. chair, has soft portion provided at pressure-area receiving load from human body C2004-073337</p>	<p>KOKV 2002.03.29 *JP 2003289999-A</p> <p>A(12-D1)</p>
<p>NOVELTY</p> <p>The cushioning material (63) comprises two or more types of elastic material e.g. urethane with different elasticity, to form a hard portion (631) and a soft portion (632) at a pressure-area which receives load from human body.</p> <p>DETAILED DESCRIPTION</p> <p>An INDEPENDENT CLAIM is also included for furniture.</p> <p>USE</p> <p>For use as seat or back reclining portion, headrest and armrest of furniture (claimed) e.g. chair, bed, sofa, bench, legless chair and movable chair, and mattresses used in home, office, shop, vehicle and in public facility e.g. theater, hall and stadium.</p>	<p>ADVANTAGE</p> <p>Improves durability and smoothness and reduces manufacturing cost, hence supports human body comfortably with simple structure.</p> <p>DESCRIPTION OF DRAWING</p> <p>The figure shows a longitudinal cross-sectional view of the seat bearing surface 6a backup material 61 cushioning material 63 hard portion 631 soft portion 632</p>

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Flexible composite material for furniture, has alternating layers of flexible material and rigid material enclosed within casing, wherein both layers are not bonded together and slideable over each other within casing as material is flexed

BUSSMANN T 2002.09.24 2002GB-022114

P73 (2004.03.31) //A47C 7/14, B32B 3/04, (A47C 31/12), (B32B 7/02),
21/04

Novelty: The material comprises of alternating layers of a flexible material (2) and a rigid material (1) enclosed within a casing (3). Both layers are non bonded together and are slideable over each other within the casing as the material is flexed. The casing may be covered in upholstery (4). The materials (1,2) comprise a birch faced plywood and flexible plywood. The casing comprise a foamed plastic material.

Use: For furniture.

Advantage: Provides a flexible composite material which protects foam from surface damage, and allows the user to dictate the appearance of product i.e. color, texture.

Description of Drawing(s): The figure shows the three layers of 4mm birch-faced ply sandwiched alternately between two layers of 5mm flexibly encased in foam sleeve and upholstered in fabric.

Rigid material 1

Flexible material 2

Casing 3

Upholstery 4

(6pp Dwg.No.1/2)

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